

Fig. 1

1/12,1/6 HZ SINE WAVE PROFILE - TEST ARTICLE: S/N 3315 FLUID TEMP: 100 DEG F, LOAD SYSTEM: OFF, ELECTROMAGNET: 0% EHVS - ROD END: S/N N5463, TAIL END: S/N N5450

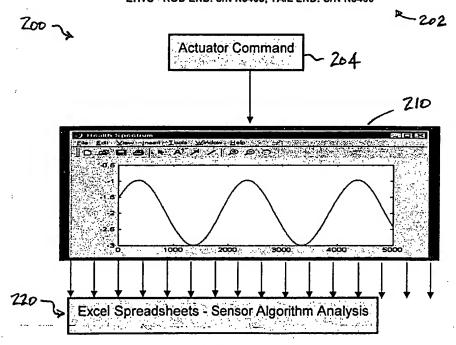


Fig. 2

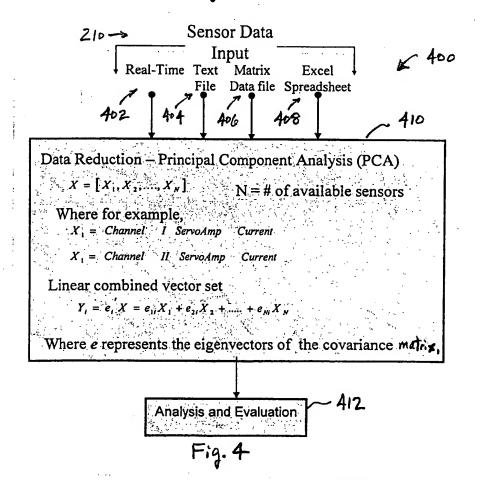
Black et al.
Attorney Docket No. BING-1-1046
COMPONENT HEALTH ASSESSMENT FOR RECONFIGURABLE
CONTROL
Filed: November 20, 2003
Express Mail No. EL962634060US
Sheet 2 of 3
Black Lowe & Graham, PLLC
(206) 381-3300

Sensor Parameters

-210 TIME > TIME [seconds] 8237 > CH. 1 MAIN RAM POSITION [inches] 8238 > CH. 2 MAIN RAM POSITION [inches] 8239 > CH. 1 MCV POSITION [inches] 8240 > CH. 2 MCV POSITION linches1 8241 > CH. 1 SERVOAMP CURRENT [milliamps] 8242 > CH. 2 SERVOAMP CURRENT [milliamps] 8243 > CH. 3 SERVOAMP CURRENT [milliamps] 8244 > CH. 4 SERVOAMP CURRENT [milliamps] 8245 > CH. 2 FAIL SENSOR NO. 1 LVDT POSITION [Vrms] 8246 > CH. 2 FAIL SENSOR NO. 2 LVDT POSITION [Vrms] 8201 > STABILATOR ACTUATOR COMMAND [INCHES] 8268 > LOAD ACTUATOR COMMAND [pounds] 8312 > LOAD ACTUATOR LOAD CELL FORCE [LBS] 8430 > HYDRAULIC SYSTEM 1 FLUID TEMPERATURE [deg F] 8431 -> HYDRAULIC SYSTEM 2 FLUID TEMPERATURE [deg F] 8432 > LOAD CYLINDER HYDRAULIC SUPPLY TEMPERATURE [deg F] 8433 > LOAD CYLINDER HYDRAULIC RETURN TEMPERATURE [deg F] 8015 > STABILATOR ACTUATOR SYSTEM 1 INLET PRESSURE [psi] 8016 > STABILATOR ACTUATOR SYSTEM 1 OUTLET PRESSURE [psi] 8013 > STABILATOR ACTUATOR SYSTEM 2 INLET PRESSURE [psi]

8014 > STABILATOR ACTUATOR SYSTEM 2 OUTLET PRESSURE [psi]

Fig. 3



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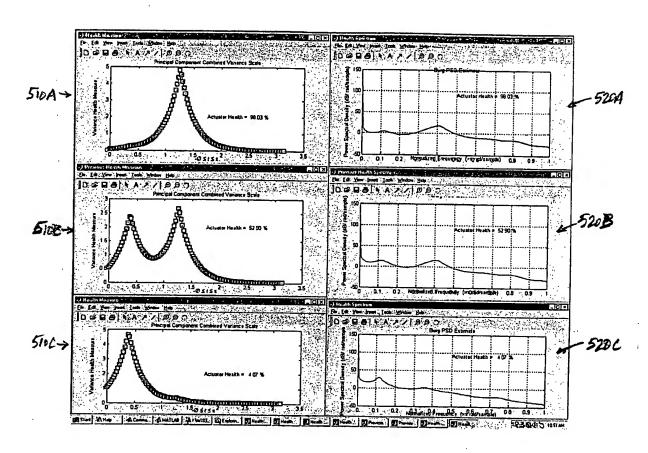


Fig. 5